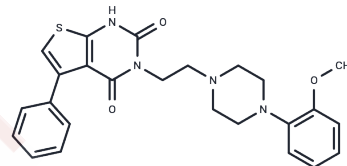


A-119637

## Chemical Properties

CAS No. : 255713-47-4  
 Formula: C<sub>25</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>S  
 Molecular Weight: 462.56  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	A-119637 is a potent, alpha1D-selective antagonist.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1619 mL	10.8094 mL	21.6188 mL
5 mM	0.4324 mL	2.1619 mL	4.3238 mL
10 mM	0.2162 mL	1.0809 mL	2.1619 mL
50 mM	0.0432 mL	0.2162 mL	0.4324 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Mizusawa H, Hedlund P, Sjunnesson J, Brioni JD, Sullivan JP, Andersson KE. Enhancement of apomorphine-induced penile erection in the rat by a selective alpha(1D)-adrenoceptor antagonist. Br J Pharmacol. 2002 Jul;136(5):701-8. PubMed PMID: 12086979; PubMed Central PMCID: PMC1573401.

Carroll WA, Sippy KB, Esbenshade TA, Buckner SA, Hancock AA, Meyer MD. Two novel and potent 3-[(o-methoxyphenyl)piperazinylethyl]-5-phenylthien. Bioorg Med Chem Lett. 2001 May 7;11(9):1119-21. PubMed PMID: 11354357.

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